

GENERAL MOTORS AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

Milford Campus



www.southeast.edu/GoASEP



Associate of Applied Science Degree

Credit Hours Required for Graduation:
Associate of Applied Science Degree 65.0

Scan this code
to access the
course listing



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If you like to diagnose issues, make the repairs and get the vehicle running again, why not do what you love and turn it into a rewarding career? Join SCC's GM ASEP program! It will lead to factory training certifications, an Associate of Applied Science degree, a discount on tools, and secured employment before starting the program.

SCC is the Right Choice

This program is a partnership between Southeast Community College and General Motors and their dealerships, designed to prepare you as a highly qualified entry-level technician at a General Motors dealership after you graduate.

Students who apply to the program will need to secure a dealership sponsor prior to enrolling in the dealer-specific courses. SCC staff can assist in providing dealership contact information.

Through a carefully constructed program of classroom and experience-based education, you'll gain knowledge of engine fundamentals, electrical and electronic principles, fuel systems, brakes, steering and suspension systems, body computer systems, transmissions, and heating and air conditioning systems. You'll also have access to new products and equipment necessary for proper and accurate diagnosis of current General Motors systems.

- SCC's program is the only GM ASEP school in Nebraska
- Hands-on learning lets you apply the knowledge gained in the classroom
- Two eight-week cooperative experiences allow you to apply what you've learned on campus in a live shop environment at a GM dealership
- Automotive Service Excellence (ASE) offers SCC students who complete the A.A.S. degree credit for one year of the two-year requirement to gain GM training certification
- Our program is a true earn-as-you-learn opportunity, and GM factory training credentials open doors for you at dealerships across the nation
- Turn your A.A.S. degree into a bachelor's degree if additional education is your goal

"It is very encouraging to see a program that not only teaches the students work ethic and automotive knowledge, but also having the time in the dealerships to apply what they have learned helps retention of the learning experience. I believe the program at Southeast Community College is second to none, and I look forward to their development as the College continues to grow and expand."

-Scott Berner, Service Manager,
Sid Dillon Chevrolet, Wahoo



Education Foundation

This program is accredited by the ASE Education Foundation, 1503 Edwards Ferry Rd., NE, Ste. 401, Leesburg, VA 20176, 703-669-6650, www.aseeducation.org

The competencies in the program's curriculum satisfy the requirements for graduates to be eligible to continue on to the hands-on components and then the final assessments necessary to become a General Motors World Class Technician.



Top Career Options

- Service technician, specialty technician or service writer in a GM dealership or ACDelco service center.

Graduate Earnings

Recent graduates report an average starting salary of \$29,952 per year.

2020-2021 Resident Estimated Expenses

Tuition/Fee Rate Per Credit Hour	\$111
Resident Tuition/Fees	\$7,215
Books	\$947
Tools	\$4,000
Special Fees	\$400
Total:	\$12,562
Non-Resident Tuition/Fee Rate Per Credit Hour	\$132
Non-Resident Tuition/Fees	\$8,580

Automotive Technology - Ford - General Motors - Mopar - Required Basic Tool List

The following tool list includes the basic tools a student will be required to have to successfully complete the automotive programs. The student should discuss with their advisor the timeline for purchasing specific tools and suggested optional tools.

The College does not recommend, nor endorse, any specific brand of tools. The student should give careful consideration when selecting tools he/she will use in their career.

1ST SEMESTER REQUIRED - FIRST DAY OF SECOND WEEK

- Fluke *87 or 88 Multimeter (*87 required for GM-ASEP)
- 12v bulb - test light
- Wire crimper/cutter/stripper
- Battery Terminal cleaner
- Terminal Removal Tool
- Ear protection
- Pen/flashlight
- Tire pressure inflater
- Tire psi gauge
- Valve core tool
- Rubber tip air nozzle
- Antifreeze tester
- Pick set (4 piece)
- Magnetic pick up tool
- Inspection mirror
- Pocket Screwdriver
- Punch and Thread Kit (alum. Block)
- Tool bag
- Jumper wire set
- Safety glasses (min. Z87 rated)
- Program Uniform Shirts
 - AUTO - 3 minimum
 - Dealer programs (Ford, GM, Mopar) will have apparel provided by the Dealer

2ND SEMESTER REQUIRED - FIRST DAY OF SECOND SEMESTER

TOOL STORAGE

- Roll-Away - **56" maximum**. NO larger.

1/4" DRIVE

- Socket Set 3/16"-9/16" shallow 6 pt.
- Socket Set 3/16"-9/16" deep 6 pt.
- Socket Set 5-14 mm shallow 6 pt.
- Socket Set 5-14 mm deep 6 pt.
- Extensions (3) 2", 4", 6" or equiv.
- Ratchet
- Drive handle (screwdriver type)
- Universal joint

3/8" DRIVE

- Socket Set 3/8"-3/4" shallow 6 pt.
- Socket Set 3/8"-3/4" deep 6 pt.
- Socket Set 8-19 mm shallow 6 pt.
- Socket Set 8-19 mm deep 6 pt.
- Socket Set Torx T10-T60
- Socket Set Allen/Hex 1/8"-3/8"
- Socket Set Allen/Hex 4-10 mm
- Spark plug sockets 5/8" and 13/16"
- Extensions (5) 1", 3", 6", 12", 36"
- Ratchet, standard
- Ratchet, long flex head
- Speed handle
- Universal joint

1/2" DRIVE

- Socket Set 10-24 mm shallow
- Socket Set 10-24 mm deep Impact
- Sockets, 30, 32, 34 & 36 mm deep impact
- Socket Set, Lug nut
- Extensions (3) 3", 6", 12" or equiv.
- Ratchet
- Breaker bar, 24" min
- 1/2" Impact universal with lock button
- 1/2" Impact wrench

SCREWDRIVERS

- Standard (5) 1/8", 3/16", 1/4", 5/16", 3/8" w/stubby
- Phillips (4) #1, #2, #3 and #2 stubby
- Tamper Proof Torx Screwdrivers (T10-T30)

PLIERS

- 6" slip joint combination
- 7" Diagonal cut
- 6" Needle nose
- 10"(min) Adjustable Joint
- Vise-Grip (3) 5" curved, 10" curved, 6" long nose
- Fixed tip Snap-ring straight tip .038", .045" & .070"
- Medium Lock ring pliers

PUNCHES/CHISELS/FILES/SAW

- Punch & Chisel Set- including center punch)
- Brass drift 6" min.
- Files (3) 10" flat, 8" round, 6" Tri
- File card
- File handle
- Half round/cape chisel

MEASURING INSTRUMENTS

- Feeler gauges straight (.0015-.025 w/metric equiv)
- Feeler gauges angled (.0015-.025 w/metric equiv)
- 6" steel ruler w/ std. and metric display
- Thread pitch gauges, (2) std. & metric
- Torque wrench, 3/8" drive 15-100 ft/lb or equiv.
- Torque wrench, 1/2" drive 40-250 ft/lb or equiv.
- Caliper, 0-6"
- Tape measure, 12' min.

WRENCHES

- 1/4" - 1 1/4" standard combination 12 pt.
- 6-24 mm standard combination 12 pt.
- Adjustable Wrench, 12"
- Flare Wrench Set 3/8" -11/16"
- Flare Wrench Set 9-18 mm

HAMMER

- Ball Peen, 16 oz.
- Ball Peen, 32 oz.
- Dead Blow, 24-28 oz.

BRAKES TOOLS

- Brake adjusting spoon
- Retaining Spring Tools (2 sizes)
- Brake Spring Tool

MISCELLANEOUS

- Spark plug gapper .025"-0.080"
- Spark Tester
- A/C Thermometer
- Lip seal tool
- 12" Hacksaw w/ blades
- Basic AC & Fuel disconnect tools
- Allen Wrenches Metric set 4-12 mm
- Stethoscope
- Pry bar, 24" min.
- 16" rolling head bar
- Fender covers (1pair)
- Wire brush, 10" min.
- Adapters (4) 1/4-3/8, 3/8-1/4, 3/8-1/2, 1/2-3/8
- Gasket scraper
- Oil filter Pliers (slip joint)
- Oil filter band wrenches (2)

RECOMMENDED

- Socket Set 3/8" drive 10mm-19mm flex impact
- Socket Set 3/8" drive Inverted Torx E6-E16
- Socket Set 3/8" drive 10-19mm deep Impact
- Socket Set 1/2" drive 3/8 - 1 1/4 shallow
- Socket Set 1/2" drive 7/16 - 1 1/4 deep Impact
- Socket Set 1/2" drive 10-24mm deep chrome
- Automotive Terminal Test lead kit
- Metric ratcheting wrenches
- 8/10mm brake wrench - for bleeder screws
- 6-19mm combination stubby wrench set
- Assorted trim panel removers
- 3/8" Air or cordless Impact
- 3/8" Air or cordless ratchet
- Hose Clamp Pliers
- Spark plug boot pliers
- Needle nose pliers set long (3)
- Large dead-blow hammer, 36 oz or larger
- Brass Hammer